



Government of West Bengal  
Office of the Principal

**Durgapur Government College**

J.N. Avenue, Durgapur, District-Paschim Bardhaman, West Bengal, Pin-713214

Website: <https://www.durgapurgovtcollege.ac.in/> E-mail: [dpgovtcollege@gmail.com](mailto:dpgovtcollege@gmail.com)

Assets acquired through grants under the non-recurring head from the Department of Biotechnology (DBT),  
Government of India, under the DBT STAR COLLEGE SCHEME  
Sanction No. and Date: HRD-11011/24/2022-HRD-DBT dated 29-09-2022

Sl No.	Department	Name of Equipment (Asset)	Quantity of the Equipment (Asset)
1	Botany	Haemocytometer	8
2	Botany	Laminar Air Flow	1
3	Botany	Digital pH meter	2
4	Botany	DNA mini Gel Electrophoresis	2
5	Botany	Lux meter	2
6	Botany	Digital Balance	1
7	Botany	Digital Colorimeter	1
8	Botany	Autoclave-Stainless Steel	1
9	Botany	Tabletop Centrifuge	1
10	Botany	Desktop Computer	1
11	Botany	Pipetman Micropipettes	8
12	Botany	Multi Tube Vortexer	1
13	Botany	Ultra-Freezer (-20°C)	1
14	Botany	Stage micrometer	4
15	Botany	Magnetic Stirrer	1
16	Botany	Camera Lucida Prism	5
17	Botany	Paper Chromatography Chamber	1
18	Botany	UV Transilluminator	1
19	Botany	Protein Gel Electrophoresis Apparatus	1
20	Botany	Digital Balance	2
21	Botany	Tissue Culture Rack	1
22	Botany	Stereo Microscope with Camera for Tissue Culture	1
23	Botany	Plant Growth Chamber	1

Nivedita Acharyee

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Sl No.	Department	Name of Equipment (Asset)	Quantity of the Equipment (Asset)
24	Chemistry	Digital Conductivity Meter with Cell	3
25	Chemistry	Digital Potentiometer	3
26	Chemistry	Melting Point Apparatus	1
27	Chemistry	Water Analyzer	1
28	Chemistry	Laboratory Water Distillation App	1
29	Chemistry	Heating Mantle	3
30	Chemistry	Hot Air Oven	1
31	Chemistry	Kjeldahl distillation unit	1
32	Chemistry	Muffle furnace	1
33	Chemistry	Ion Exchange Resin	2
34	Chemistry	Oil bath with stirrer	1
35	Chemistry	Digital Tensiometer	1
36	Chemistry	Digital pH meter	2
37	Chemistry	Digital polarimeter	2
38	Chemistry	Boiling point Apparatus	4
39	Chemistry	Digital Colorimeter	3
40	Chemistry	Digital Magnetic Stirrer with hot plate	4
41	Chemistry	Electric Centrifugal Machine	1
42	Chemistry	Kjeldahl distillation unit of 3 test, 1 regulator & 3 kjeldahl flask	1
43	Chemistry	Digestion Chamber	1
44	Chemistry	TLC Set with Applicator	2
45	Chemistry	Ion exchange column 18mm x 12 inch sintered with bulb	2
46	Chemistry	Temperature controlled water bath	1
47	Chemistry	Respirable dust sampler	1
48	Chemistry	Soxhlet Extraction Apparatus	1
49	Chemistry	Oil free vacuum pump	1
50	Chemistry	Steam Distillation Set for Essential Oil	1
51	Chemistry	HP Laserjet Printer	1

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Sl No.	Department	Name of Equipment (Asset)	Quantity of the Equipment (Asset)
52	Geology	GPS for Geological Field Study	3
53	Geology	Ore-0 Microscope for study of ore minerals	7
54	Geology	Binocular Microscope for study of ore minerals	2
55	Geology	Binocular Petrological Microscope for study of rocks in thin section	2
56	Geology	Palaeontological Microscope- Stereo zoom for study of micro fossils	3
57	Geology	Resistivity Meter for Ground Water surv	1
58	Geology	HP Core i5, 9th Generation, Desktop for Remote Sensing and GIS Practical	3
59	Mathematics	MATLAB software	3
60	Mathematics	MATHEMATICA software	2
61	Mathematics	Desktop computers	5
62	Mathematics	Hp laser printer	1
63	Physics	To determine the ionization potential of mercury	1
64	Physics	CRO (Analog dual trace 4 channel-60MHz Bandwidth with probes)	1
65	Physics	Research Optical Bench	1
66	Physics	Diffraction Grating-Hilger& Watt	4
67	Physics	Microwave oven to determine the velocity of light	1
68	Physics	Ballistic Galvanometer (Low CDR)	2
69	Physics	Smart Board	1
70	Physics	Measurement of field strength B and its variation in a solenoid (determine dB/dx)	2
71	Physics	To study response curve of a Series LCR circuit and determine its (a) Resonant frequency, (b) Impedance at resonance, (c) Quality factor Q, and (d) Band width	2
72	Physics	Measurement of the velocity of sound by Kundt's tube	1

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73	Physics	To compare capacitances using De'Sauty's bridge	2
74	Physics	Three motion travelling microscope	1
75	Physics	High Intensity Discharge Tube with Compatible voltage source and stand	2
76	Physics	Astronomical Telescope	1
77	Physics	Photo-electric effect: photo current versus intensity and wavelength of light; maximum energy of photo-electrons versus frequency of light	2
78	Physics	To determine work function of material of filament of directly heated vacuum diode	3
79	Physics	To determine the Planck's constant using LEDs of at least 4 different colours- SES Roorkey	1
80	Physics	To determine the absorption lines in the rotational spectrum of Iodine vapour	2
81	Physics	Desktop Computer	1
82	Physics	Planetary Ball Mill, 220V	1
83	Physics	Charge Discharge Key	2
84	Physics	Oil Free Pump	1
85	Physics	Ultrasonic Cleaner	1
86	Physics	Magnetic stirrer with hot plate and digital speed indicator (1L capacity)	1
87	Physics	Binocular	1
88	Physics	Determination of wavelength of light using laser and single slit/wire	2
89	Physics	Set up to measure Q of a coil and its dependence on frequency using a Q-meter	1
90	Physics	Set up to verify the law of Malus for plane polarized light	2
91	Physics	Determination of coefficient of linear expansion with travelling microscope/Telescope	1
92	Physics	Measurement of Planck's constant using black body radiation and photo detector	1

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93	Zoology	Orbital Incubator Shaker	1
94	Zoology	Autoclave Portable	2
95	Zoology	Hand held homogenizer	1
96	Zoology	Canon EOS DSLR Camera	1
97	Zoology	Portable Lux meter	3
98	Zoology	Arc GIS Online for student use	2
99	Zoology	B.O.D. Incubator	1
100	Zoology	Vortex Cyclomixer	1
101	Zoology	Colorimeter	1
102	Zoology	Hectare Automatic Solar Insect Trap	3
103	Zoology	Desktop for Arc GIS use	1
104	Zoology	Micropipette	3
105	Zoology	Backpack Lab Soil Quality Educational Test Kit	2
106	Zoology	Chromatography tank with Lid	5
107	Zoology	Water Distillation Apparatus	1
108	Zoology	Garmin GPS etrex 20	3
109	Zoology	Secchi Disc	3
110	Zoology	Deep Freezer; 405 Litres	1
111	Zoology	Backpack Lab Water Quality Educational Test Kit	2
112	Zoology	Olympus Binocular	10
113	Zoology	Turbidity Meter	2
114	Zoology	Range Finder	2

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